

IN THE CLAIMS:

1. (Currently Amended) An isocyanate adduct comprising the reaction product of at least one polyisocyanate, having a functionality > 2, with compounds having at least two hydrogen atoms which are reactive toward isocyanate groups wherein said adduct is essentially compact and has a crystalline content of less than 10 j/g determined by differential scanning calorimetry in accordance with DIN 51 004 at 20 K/min from room temperature to 250°C using a nitrogen flow of 3 l/h as carrier gas and an aromatics content reported as carbon atoms in aromatic rings of less than 31% by weight, based on the total weight of the isocyanate adduct, and wherein the compounds having reactive hydrogen atoms comprise at least one polyetherol bi) having a functionality greater than 2.5 and a molar mass 300 g/mol or greater.
2. (Previously Presented) An isocyanate adduct as claimed in claim 1 which has a thermal conductivity determined by a hot wire method at 23°C of less than 0.2 W/m*K.
3. (Previously Presented) An isocyanate adduct as claimed in claim 1 further containing fillers.
4. (Currently Amended) An isocyanate adduct as claimed in ~~any of claims 1 to claim 3,~~ wherein the fillers are hollow microspheres optionally having a pressure loading of greater than 10 bar.
5. (Currently Amended) An isocyanate adduct as claimed in ~~any of claims 1 to claim 3,~~ wherein the fillers are hollow glass microspheres.
6. (Currently Amended) An isocyanate adduct as claimed in ~~any of claims 1 to claim 3,~~ wherein the fillers are hollow polymer microspheres.
7. (Currently Amended) An isocyanate adduct as claimed in ~~any of claims 1 to claim 3,~~ wherein the fillers are hollow ceramic microspheres.
8. (Currently Amended) A process for preparing isocyanate adducts that are essentially compact comprising reacting
 - a) isocyanates having a functionality > 2 with
 - b) compounds having at least two reactive hydrogen atoms in the presence of

c) catalysts,

wherein the compounds having reactive hydrogen atoms b) comprise at least one polyetherol bi) having a functionality greater than 2.5 and a molar mass 300 g/mol ~~or greater than 300 g/mol~~, and at least one ~~polyol~~ polyetherol bii) having a molar mass greater than 1000 g/mol and a functionality of from 1.7 to 3 and the reaction is carried out at an index of less than 200.

9. (Previously Presented) A process as claimed in claim 8, wherein the isocyanate a) comprise a mixture of diphenylmethane diisocyanate and polyphenylenepolyethylene polyisocyanates.

10. (Original) A process as claimed in claim 9, wherein the isocyanate is used in an amount of less than 54% by weight, based on the weight of all starting materials.

11. (Original) A process as claimed in claim 10, wherein the component b) further comprises at least one polyetherol biii) having a molar mass of less than 1000 g/mol and a functionality of less than 2.5.

12. (Original) A process as claimed in claim 11, wherein the component b) further comprises at least one polyesterol biv).

13. (Original) A process as claimed in claim 12, wherein the component b) further comprises at least one bifunctional chain extender bv) having a molecular weight in the range from 62 to 400 g/mol.

14. (Previously Presented) A process as claimed in claim 13, wherein the catalysts used are amine catalysts and/or trimerization catalysts.

15. (Previously Presented) A process as claimed in claim 8, wherein the molar mass of bi) is from 300 to 1000 g/mol.

16. (Previously Presented) An isocyanate adduct as claimed in claim 1 which has a thermal conductivity determined by a hot wire method at 23°C of less than 0.19 W/m*K.